

# 2018-2023 Global Energy Storage Battery for Microgrids Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Energy Storage Battery for Microgrids market for 2018-2023.

Energy storage battery for microgrids is an energy reservoir that can store electrical energy and supply energy when required. Such a battery system has the added advantage of matching generation to the time of use and enables peak-shaving applications. Battery-based energy storage is more environmentally-friendly than traditional diesel generators and significantly reduces the fuel and sizing needs for common backup generators. Even small amounts of energy storage can have a major impact on reducing fuel costs, maintenance and omissions of diesel or bio-diesel generators.

The global energy storage battery for microgrids industry mainly concentrates in EU, USA and Japan. The global leading players in this market are NGK Group, Samsung SDI, NEC, Panasonic, MHI and Toshiba etc., which accounts for 49.38% of total revenue in 2015. In China the market leaders are BYD, CALB and ATL.

The USA and China are the major consumer regions in global energy storage battery for microgrids market. The energy storage battery for microgrids is mainly used in household, enterprise, utility. The application market share of Utility is up to 87.68%.

Currently, a major challenge affecting the market growth is the limitation of downstream market. As large demand of energy storage products at home and abroad, many

companies began to enter the field. Currently, the Chinese energy storage battery for microgrids is not only begun to transit to renewable energy installations field, while still extend in the downstream industry chain.

Over the next five years, LPI(LP Information) projects that Energy Storage Battery for Microgrids will register a 8.7% CAGR in terms of revenue, reach US\$ 320 million by 2023, from US\$ 190 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Energy Storage Battery for Microgrids market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Sodium-sulfur battery

VRLA Lead Acid

Lithium-ion

Others

Segmentation by application:

Household

Enterprise

Utility

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

NGK Group

Samsung SDI

NEC

Panasonic

MHI

Toshiba

S&C Electric

Beacon Power

CALMAC

Saft

Sumitomo Electric

EnSync

Eos Energy Storage

OutBack Power

Yunicos

BYD

CALB

ATL

Rongke Power

Shen-li High Tech

Meineng

Chilwee

Narada

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Energy Storage Battery for Microgrids consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Energy Storage Battery for Microgrids market by identifying its various subsegments.

Focuses on the key global Energy Storage Battery for Microgrids manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few

years.

To analyze the Energy Storage Battery for Microgrids with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Energy Storage Battery for Microgrids submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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